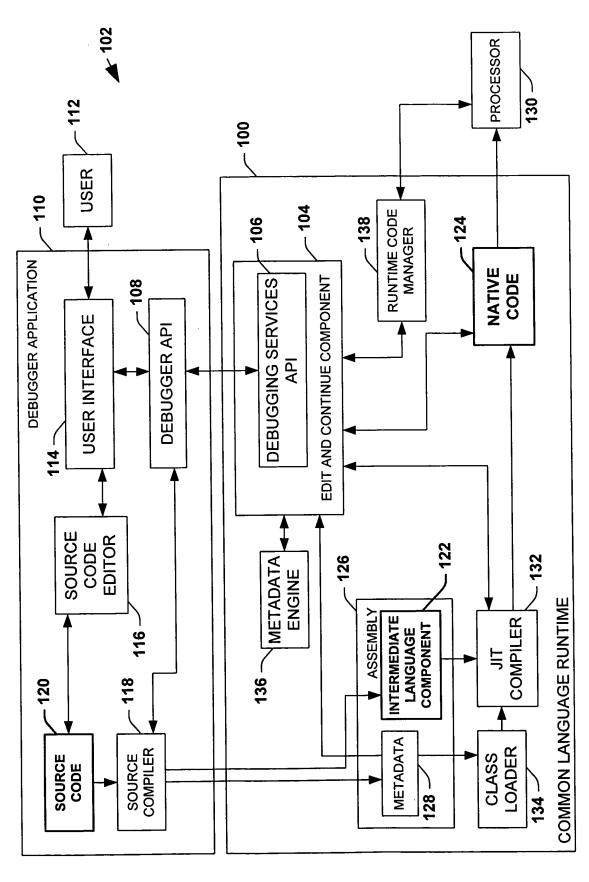


*.* 



**FIG. 3** 

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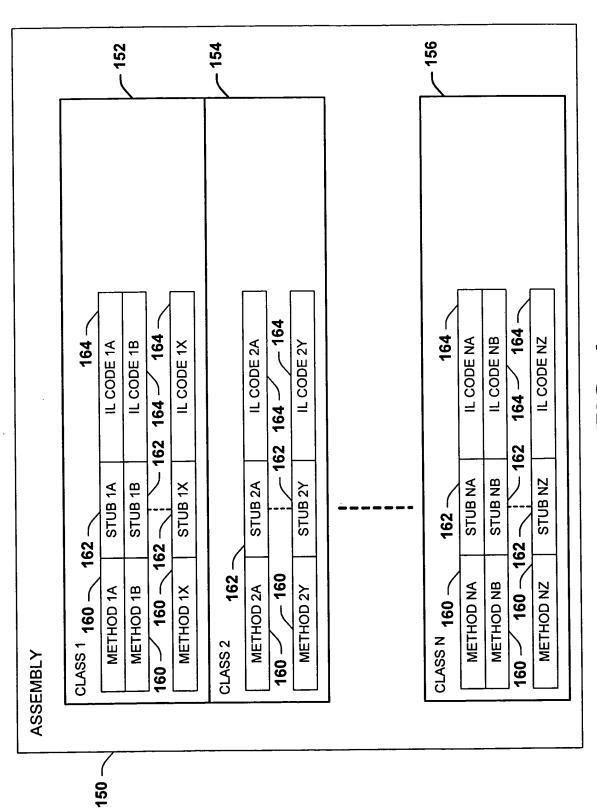


FIG. 4

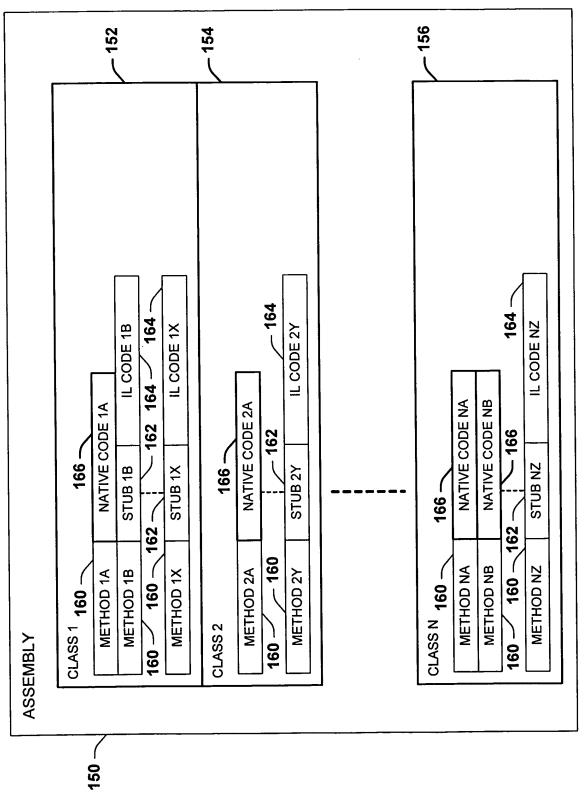
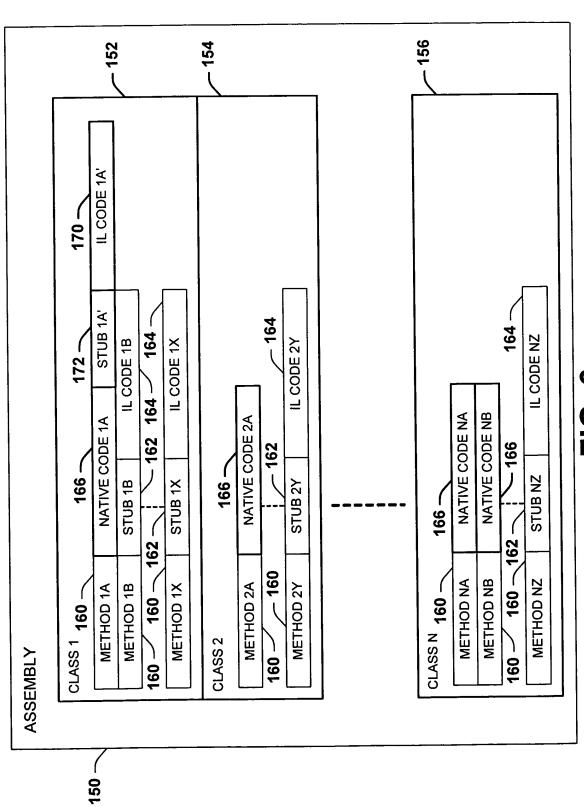
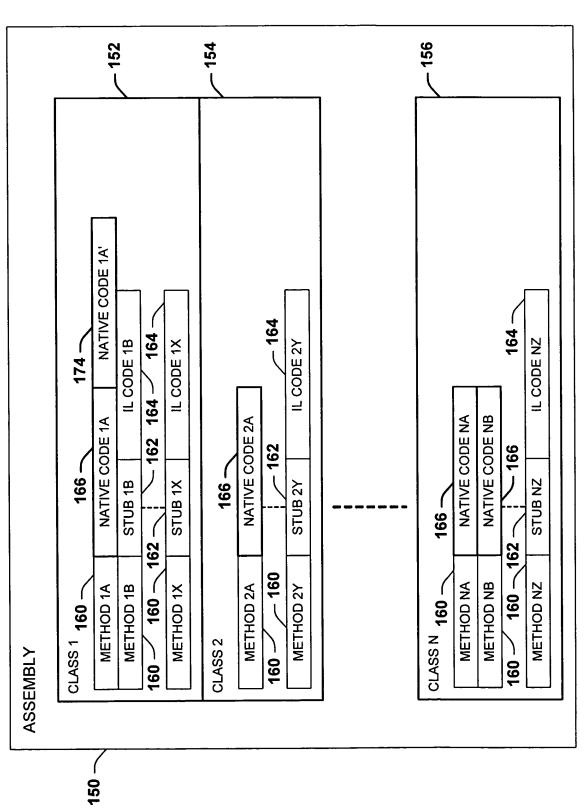


FIG. 5

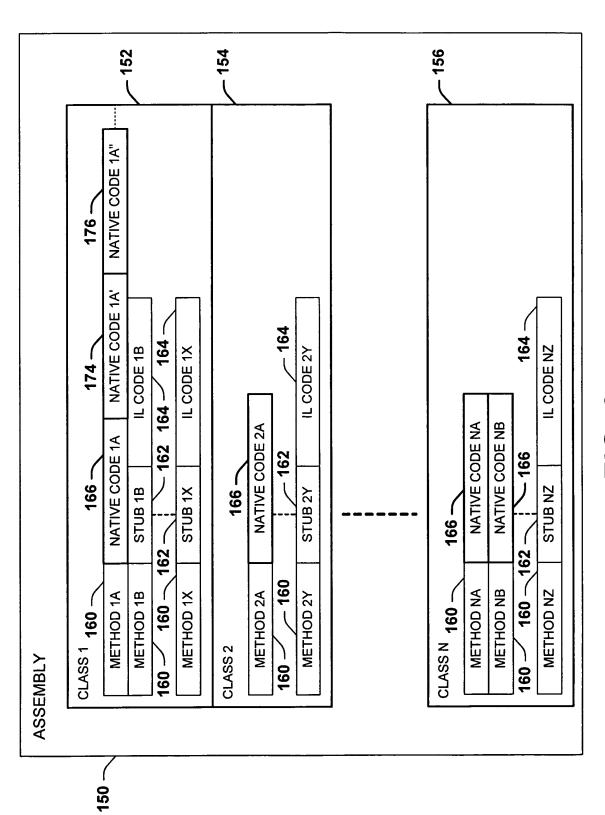


**FIG.** 6

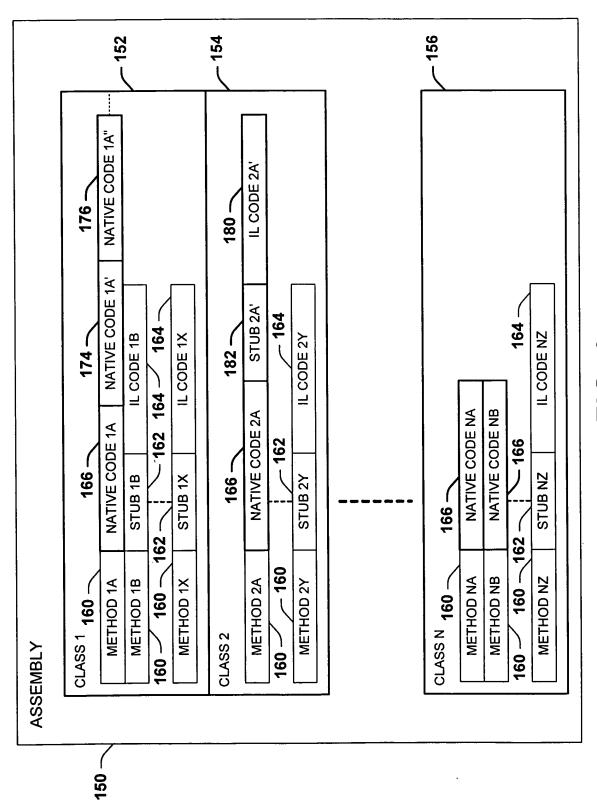
..



**FIG. 7** 



**FIG. 8** 



**FIG. 9** 

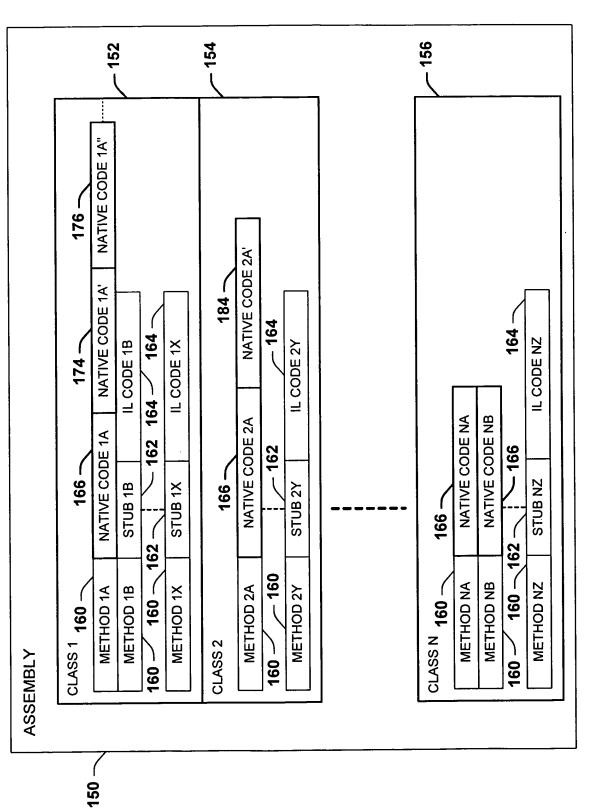


FIG. 10

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EXISTING VIRTUAL METHOD A2  EXISTING VIRTUAL METHOD A3  EXISTING VIRTUAL METHOD B1  EXISTING VIRTUAL METHOD B2  EXISTING VIRTUAL METHOD B2  EXISTING VIRTUAL METHOD B2  EXISTING VIRTUAL METHOD N1  EXISTING VIRTUAL METHOD N2  EXISTING VIRTUAL METHOD N3  EXISTING VIRTUAL METHOD N3	200	MEMORY		VIRTUAL METHOD TABLE CLASS A	₹ 205	710
SLOT 1 EXISTING VIRTUAL METHOD A3 SLOT 3 EMPTY SLOT 4 EMPTY SLOT 1 EXISTING VIRTUAL METHOD B1 SLOT 1 EXISTING VIRTUAL METHOD B2 SLOT 2 EMPTY SLOT 2 EMPTY SLOT 3 EMPTY  VIRTUAL METHOD TABLE CLASS N  SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 0 EXISTING VIRTUAL METHOD N2 SLOT 1 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY SLOT 4 EMPTY			SLOT 0	EXISTING VIRTUAL METHOD A1	ADDR 100	727
SLOT 2 EXISTING VIRTUAL METHOD A3 SLOT 4 EMPTY SLOT 0 EXISTING VIRTUAL METHOD B1 SLOT 1 EXISTING VIRTUAL METHOD B2 SLOT 2 EMPTY SLOT 0 EXISTING VIRTUAL METHOD B2 SLOT 3 EMPTY SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 0 EXISTING VIRTUAL METHOD N2 SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY		<u> </u>	SLOT 1	<b>EXISTING VIRTUAL METHOD A2</b>	ADDR 104	214
SLOT 3  SLOT 4  SLOT 4  EMPTY  VIRTUAL METHOD TABLE CLASS B  SLOT 1  SLOT 0  SLOT 2  SLOT 2  SLOT 3  EMPTY  SLOT 3  EMPTY  SLOT 3  EMPTY  SLOT 1  SLOT 0  SLOT 1  SLOT 0  SLOT 1  SLOT 0  SLOT 1  SLOT 1  SLOT 0  SLOT 1  SLOT 1  SLOT 2  SLOT 2  SLOT 2  SLOT 3  SLOT 3  SLOT 4  EMPTY  EMPTY  SLOT 4  EMPTY  SLOT 4  EMPTY  SLOT 4  EMPTY			SLOT 2	<b>EXISTING VIRTUAL METHOD A3</b>	ADDR 108	-
SLOT 4 EMPTY  VIRTUAL METHOD TABLE CLASS B  SLOT 0 EXISTING VIRTUAL METHOD B1  SLOT 1 EXISTING VIRTUAL METHOD B2  SLOT 2 EMPTY  SLOT 3 EMPTY  VIRTUAL METHOD TABLE CLASS N  SLOT 0 EXISTING VIRTUAL METHOD N1  SLOT 1 EXISTING VIRTUAL METHOD N3  SLOT 2 EXISTING VIRTUAL METHOD N3  SLOT 3 EMPTY		216	SLOT 3	EMPTY	ADDR 112	·-
SLOT 0 EXISTING VIRTUAL METHOD B1 SLOT 1 EXISTING VIRTUAL METHOD B2 SLOT 2 EMPTY SLOT 3 EMPTY SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 0 EXISTING VIRTUAL METHOD N2 SLOT 1 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY		218	SLOT 4	EMPTY	ADDR 116	
SLOT 0 EXISTING VIRTUAL METHOD B1 SLOT 2 EMPTY SLOT 3 EMPTY SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 0 EXISTING VIRTUAL METHOD N2 SLOT 1 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY SLOT 4 EMPTY		]	VIRTUAL M	ETHOD TABLE CLASS B	₹ 204	Ċ
SLOT 1 EXISTING VIRTUAL METHOD B2 SLOT 2 EMPTY SLOT 3 EMPTY  VIRTUAL METHOD TABLE CLASS N  SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY  SLOT 4 EMPTY			SLOT 0	EXISTING VIRTUAL METHOD B1	ADDR 120	220
SLOT 2  SLOT 3  EMPTY  SLOT 3  EMPTY  EMPTY  WIRTUAL METHOD TABLE CLASS N  SLOT 0  EXISTING VIRTUAL METHOD N1  SLOT 1  SLOT 2  EXISTING VIRTUAL METHOD N3  SLOT 2  SLOT 3  EMPTY  SLOT 4  EMPTY  EMPTY  EMPTY  SLOT 4			SLOT 1	EXISTING VIRTUAL METHOD B2	ADDR 124	777
SLOT 3 EMPTY  VIRTUAL METHOD TABLE CLASS N  SLOT 0 EXISTING VIRTUAL METHOD N1  SLOT 1 EXISTING VIRTUAL METHOD N2  SLOT 2 EXISTING VIRTUAL METHOD N3  SLOT 3 EMPTY  SLOT 4 EMPTY  SLOT 4 EMPTY		224	SLOT 2	EMPTY	ADDR 128	
VIRTUAL METHOD TABLE CLASS N SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY		226	SLOT 3	EMPTY	ADDR 132	
VIRTUAL METHOD TABLE CLASS N  SLOT 0 EXISTING VIRTUAL METHOD N1  SLOT 1 EXISTING VIRTUAL METHOD N2  SLOT 2 EXISTING VIRTUAL METHOD N3  SLOT 3 EMPTY  SLOT 4 EMPTY		j 				
SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY			VIRTUAL M	ETHOD TABLE CLASS N	₹ 200	CCC
SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY		<u> </u>	SLOT 0	EXISTING VIRTUAL METHOD N1	ADDR 2988	233
SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY		1	SLOT 1	EXISTING VIRTUAL METHOD N2	ADDR 2992	727
SLOT 3 EMPTY SLOT 4 EMPTY			SLOT 2	<b>EXISTING VIRTUAL METHOD N3</b>	ADDR 2996	457
SLOT 4 EMPTY		236	SLOT 3	EMPTY	ADDR 3000	
YEAR		238	SLOT 4	EMPTY	<b>ADDR 3004</b>	
CMDTA						C
		250	XXXX	EMPTY	ADDR 3100	767

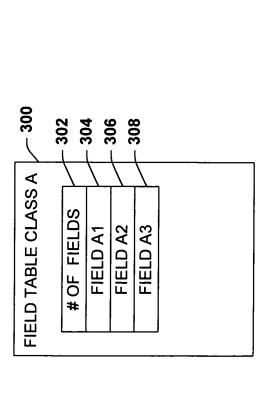
FIG. 11

216	SLOT 0 SLOT 1 SLOT 2 SLOT 3 SLOT 3	EXISTING VIRTUAL METHOD A1 EXISTING VIRTUAL METHOD A2	ADDR 100	<u> </u>
216	SLOT 1 SLOT 2 SLOT 3 SLOT 4	EXISTING VIRTUAL METHOD A2		7 212
216	SLOT 2 SLOT 3 SLOT 4		<b>ADDR 104</b>	214
27.8	SLOT 3 SLOT 4	<b>EXISTING VIRTUAL METHOD A3</b>	<b>ADDR 108</b>	1
20 LX	SLOT 4	NEW METHOD A4	<b>ADDR 112</b>	·
		EMPTY	ADDR 116	
	VIRTUAL M	VIRTUAL METHOD TABLE CLASS B 244	204	•
	SLOT 0	EXISTING VIRTUAL METHOD B1	ADDR 120	220
	SLOT 1	EXISTING VIRTUAL METHOD B2	<b>ADDR 124</b>	777
224	SLOT 2	EMPTY	<b>ADDR 128</b>	
222	SLOT 3	EMPTY	<b>ADDR 132</b>	
	VIRTUAL M	VIRTUAL METHOD TABLE CLASS N	₹ 20€	000
	SLOT 0	EXISTING VIRTUAL METHOD N1	ADDR 2988	222
	SLOT 1	EXISTING VIRTUAL METHOD N2	<b>ADDR 2992</b>	227
	SLOT 2	<b>EXISTING VIRTUAL METHOD N3</b>	<b>ADDR 2996</b>	127
236	SLOT 3	EMPTY	<b>ADDR 3000</b>	
738	SLOT 4	EMPTY	<b>ADDR 3004</b>	
J				252
062	XXXX	EMPTY	<b>ADDR 3100</b>	434

FIG. 12

	MEMORY VIRTUAL I	VIRTUAL METHOD TABLE CLASS A	<b>▶</b> - 202	7210
	SLOT 0	EXISTING VIRTUAL METHOD A1	ADDR 100	213
	SLOT 1	EXISTING VIRTUAL METHOD A2	ADDR 104	214
	SLOT 2	EXISTING VIRTUAL METHOD A3	ADDR 108	1
216 -	SLOT 3	EMPTY	ADDR 112	
- 218	SLOT 4	EMPTY	ADDR 116	
	VIRTUAL	VIRTUAL METHOD TABLE CLASS B	204	Č
	SLOT 0	EXISTING VIRTUAL METHOD B1	ADDR 120	220
	SLOT 1	EXISTING VIRTUAL METHOD B2	ADDR 124	777
224	SLOT 2	EMPTY	ADDR 128	
- 526	SLOT 3	EMPTY	ADDR 132	
	VIRTUAL	VIRTUAL METHOD TABLE CLASS N	₹ 20€	c
	SLOT 0	EXISTING VIRTUAL METHOD N1	ADDR 2988	7 230
	SLOT 1	EXISTING VIRTUAL METHOD N2	ADDR 2992	757
	SLOT 2	EXISTING VIRTUAL METHOD N3	ADDR 2996	<b>4</b> 24
236	SLOT 3	NEW METHOD A4	ADDR 3000	
738	SLOT 4	EMPTY244	ADDR 3004	
<del></del>				C
520	XXXX	NEW METHOD A4	ADDR 3100	707

FIG. 13



- 310

**OBJ A1** 

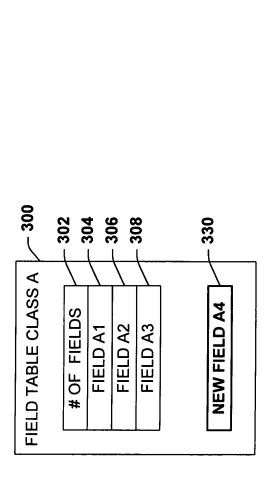
OBJ A2
FIELD A3

S14
FIELD A2
FIELD A3

S24
FIELD A1
FIELD A1
FIELD A2
FIELD A2
FIELD A3
FIELD A3

FIG. 14

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- 310

OBJ A1

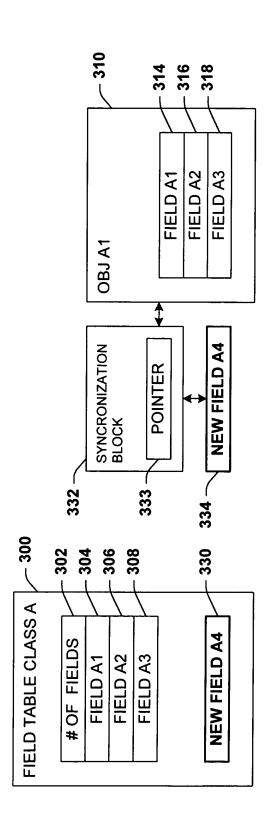
- 314 - 316 - 318

> FIELD A2 FIELD A3

FIELD A1

OBJ A2 324 FIELD A1 326 FIELD A2 328

FIG. 15



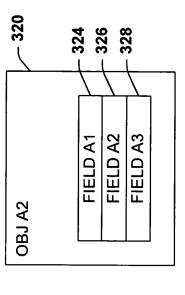
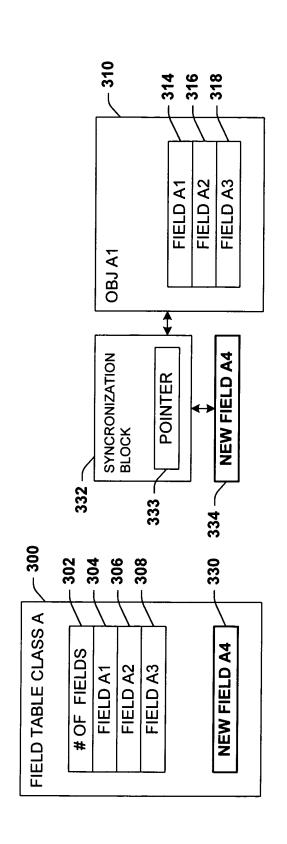
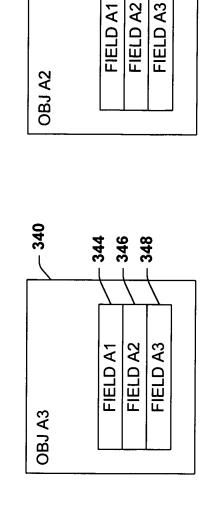


FIG. 16

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- 320

326

324

FIG. 17

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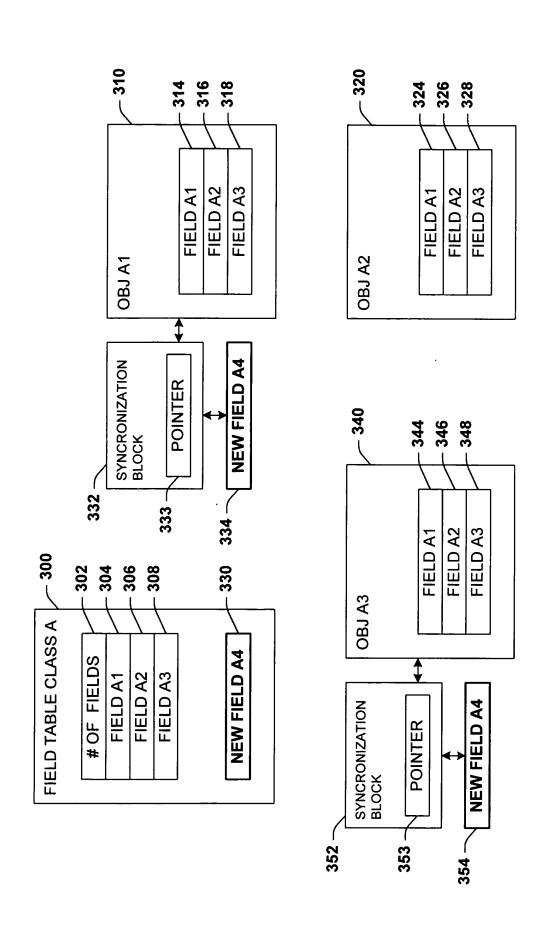
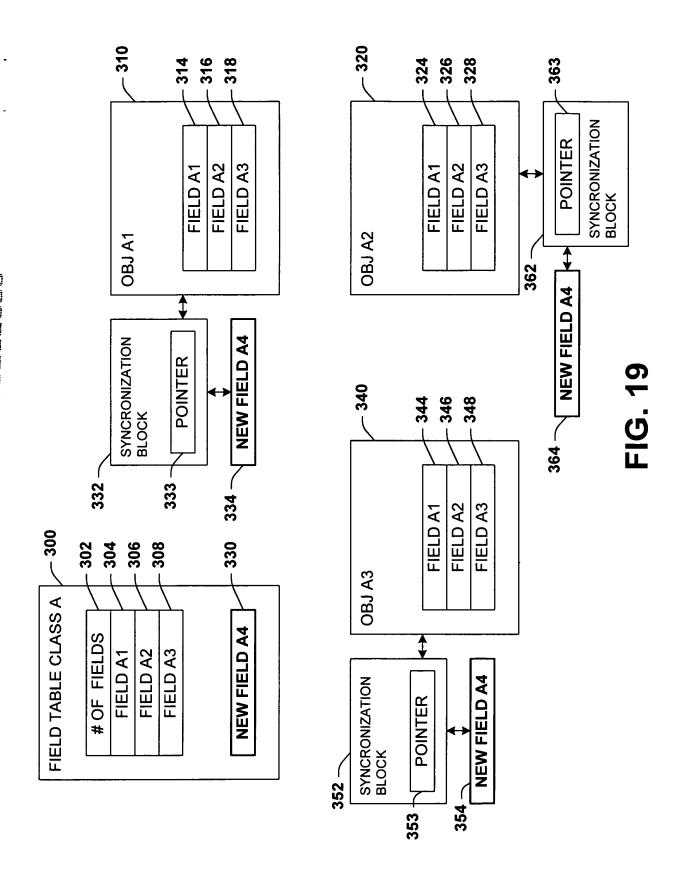


FIG. 18

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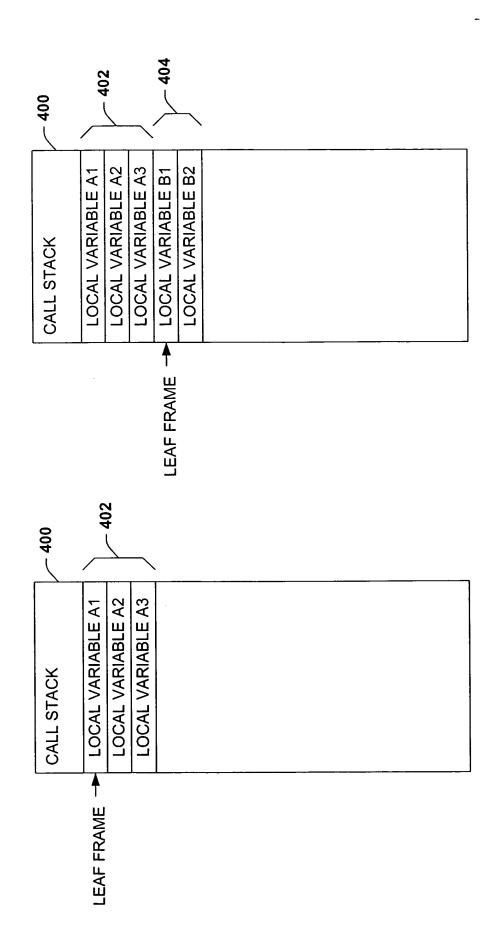
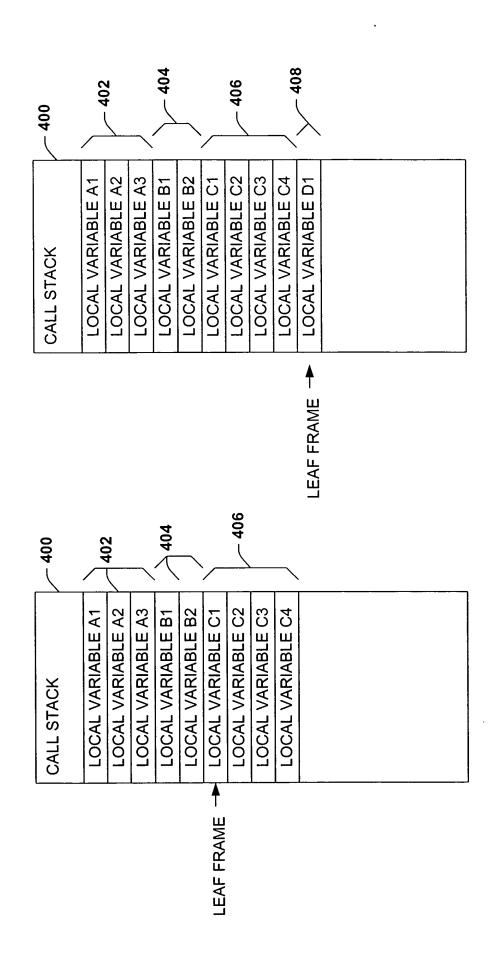


FIG. 21



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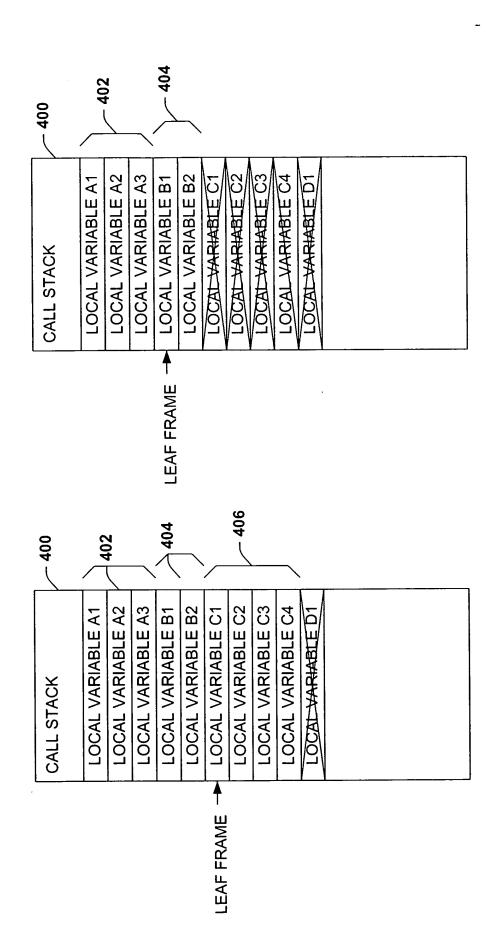


FIG. 24

Ϊ,

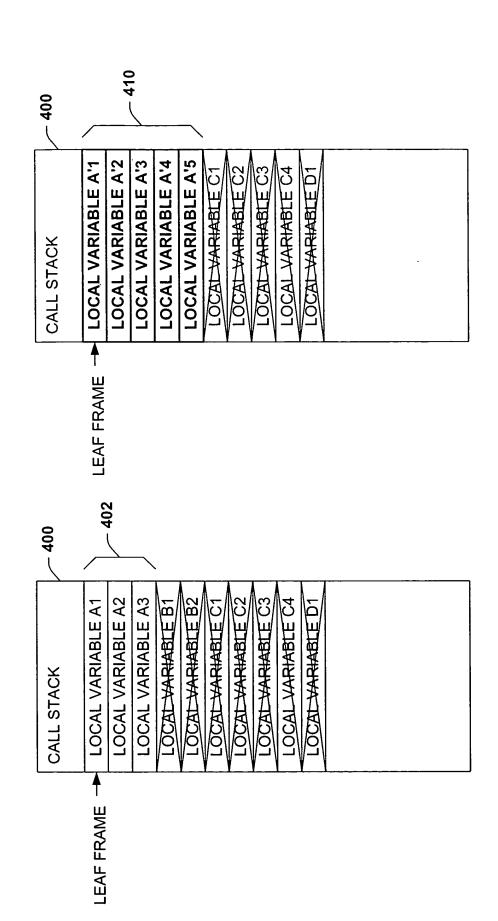


FIG. 26

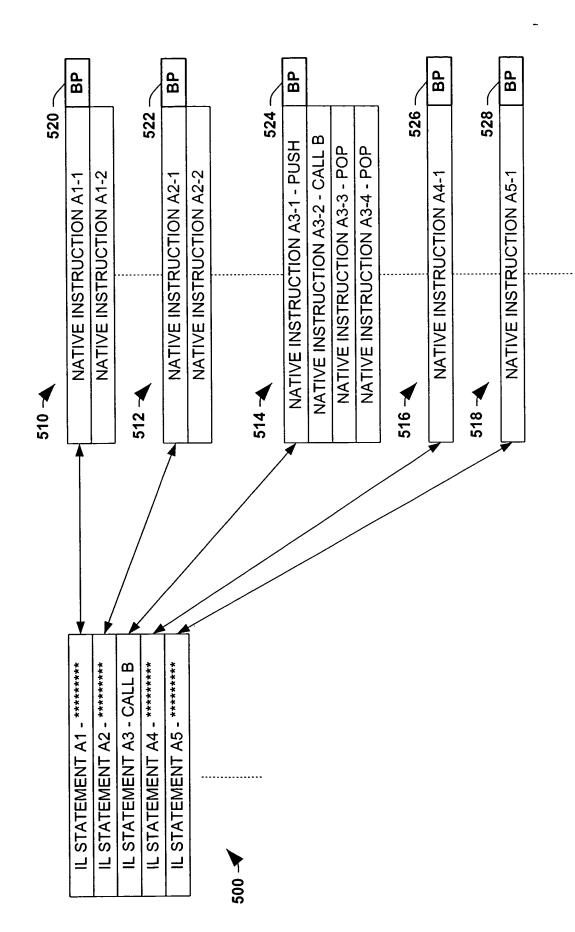


FIG. 28

